

**INTERACTIVE METHOD FOR REAL-TIME DISPLAYING, QUERYING
AND FORECASTING DRILLING EVENT AND HAZARD
INFORMATION**

5

ABSTRACT

A method is disclosed for characterizing a drilling hazard. The method includes determining a well plan including at least a wellbore trajectory. A likelihood of occurrence of at least one drilling hazard is estimated. A severity of the at least one drilling hazard is estimated. The hazard is displayed on a representation of the wellbore trajectory, by indicating thereon a position of, the likelihood and the severity of the at least one drilling hazard.

10